

Title (en)

METHOD AND APPARATUS FOR ENCODING DATA BITS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KODIERUNG VON DATENBITS

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE CODER DES BITS D'INFORMATION

Publication

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Application

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Abstract (en)

[origin: WO03010765A2] The invention relates to a method and an apparatus for encoding data bits of a data bitstream into channel bits of a channel bitstream to be recorded on a rewritable optical medium, wherein the digital sum value (DSV) of said channel bitstream is controlled. In order to provide a method and an apparatus for encoding as well as an optical recording medium which do not require any change in the electronics or software of a reproducing apparatus it is proposed according to the invention that the digital sum value of said channel bitstream is varied if a new part of channel bitstream is started to be recorded on the recording medium or if an old part of a channel bitstream is started to be rewritten at an identical location on the recording medium. Thus the method according to the invention is also applicable to any existent rewritable optical medium.

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